

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2061	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/15 18:25
L2	166	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)) and ((Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) or (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj Number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:26
L3	23	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (PbO or Pb0 or lead) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or ytterbium) and (Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gadolinium or gadolinia) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:26

L4	39	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls. and ((La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania) and (BaO or BaO or barium or baria) and (ZrO <sub>2</sub> or "ZrO.sub.2" or ZrO <sub>2</sub> or "ZrO.sub.2" or zirconium or zirconia) and (Y <sub>2</sub> O <sub>3</sub> or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y <sub>2</sub> O <sub>3</sub> or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Nb <sub>2</sub> O <sub>5</sub> or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb <sub>2</sub> O <sub>5</sub> or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27
L5	66	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls. and ((La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz) and (ZnO or ZnO or zinc) and (ZrO <sub>2</sub> or "ZrO.sub.2" or ZrO <sub>2</sub> or "ZrO.sub.2" or zirconium or zirconia) and (Y <sub>2</sub> O <sub>3</sub> or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y <sub>2</sub> O <sub>3</sub> or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27
L6	137	501/49,50,51,52,77,78,79,42,43,44,74,75,76.ccls. and ((La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La <sub>2</sub> O <sub>3</sub> or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz) and (ZnO or ZnO or zinc) and (ZrO <sub>2</sub> or "ZrO.sub.2" or ZrO <sub>2</sub> or "ZrO.sub.2" or zirconium or zirconia) and (TiO <sub>2</sub> or "TiO.sub.2" or TiO <sub>2</sub> or "TiO.sub.2" or titania or titanium) and (Nb <sub>2</sub> O <sub>5</sub> or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb <sub>2</sub> O <sub>5</sub> or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27

L7	2	de-3130715-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:27
L8	2	jp-61163138-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:27
L9	2	us-4226627-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:27
L10	2	us-4226627-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:27
L11	42	wolff-silke.in.	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27
L12	40	woelfel-ute.in.	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27
L13	3	siepe-ulrich.in.	US-PGPUB; USPAT	OR	ON	2009/06/15 18:27
L14	48	L11 L12 L13	US-PGPUB; USPAT	OR	ON	2009/06/15 18:28
L15	2	de-3102690-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28
L16	1	de-2652747-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28

L17	2	jp-05325323-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28
L18	2	jp-59195523-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28
L19	2	jp-11071129-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28
L20	2	jp-55121925-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:28
L21	2	jp-57056344-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:29
L22	2	us-6413894-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:29
L23	2	us-4166748-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:29
L24	2	us-3563773-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/15 18:29
L25	3238	428/426,542.8.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/15 18:30

L26	10	428/426.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)) and ((Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) or (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj Number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:30
L27	3	428/426.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (PbO or Pb0 or lead) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or ytterbium) and (Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gadolinium or gadolinia) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:30

L28	4	428/426.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (GeO2 or "GeO.sub.2" or GeO2 or "GeO.sub.2" or germanium or germania) and (BaO or Ba0 or barium or baria) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:31
L29	9	428/426.ccls. and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	US-PGPUB; USPAT	OR	ON	2009/06/15 18:31
L30	193	optical near3 glass and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)) and ((Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) or (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj Number)	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:32

L31	14	optical near3 glass and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (PbO or Pb0 or lead) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or Yb2O3 or "Yb.sub.2 O.sub.3" or "Yb.sub.2O.sub.3" or ytterbium) and (Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gd2O3 or "Gd.sub.2 O.sub.3" or "Gd.sub.2O.sub.3" or Gadolinium or gadolinia) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:32
L32	37	optical near3 glass and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (GeO2 or "GeO.sub.2" or Ge02 or "Ge0.sub.2" or germanium or germania) and (BaO or Ba0 or barium or baria) and (ZrO2 or "ZrO.sub.2" or Zr02 or "Zr0.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:33

L33	112	optical near3 glass and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2 O.sub.3" or Y2O3 or "Y.sub.2 O.sub.3" or "Y.sub.2O.sub.3" or yttria or yttrium)) and (refractive adj index) and (abbe Adj number)	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:33
L34	102	optical near3 glass and ((La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (ZnO or Zn0 or zinc) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium)) and (refractive adj index) and (abbe Adj number)	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:34
L35	193	I30 I31 I32 I33 I34	EPO; JPO; DERWENT	OR	ON	2009/06/15 18:34

6/ 15/ 2009 6:40:00 PM

C:\ Documents and Settings\ebolden\ My Documents\ EAST\ Workspaces\ 2008 10 series\ 10806754.wsp